

Focus Area 12: Heart Disease and Stroke

Objective 12-6a calls for reduction in the hospitalization rate for congestive heart failure to 6.5 per 1,000 population aged 65 to 74 years.

Patient discharge data indicate a statistically significant decline in congestive heart failure hospitalization rates among persons aged 65-74 from 9.8 per 1,000 population in 2000 to 8.1 per 1,000 in 2004 (Figure 12-6a, Table 12-6a). Although rates are declining, they are still significantly higher than the target set for this HP2010 objective.

Congestive heart failure hospitalization rates for males aged 65-74 declined significantly from 10.9 per 1,000 in 2000 to 9.2 per 1,000 in 2004. Rates for females also declined significantly from 9.0 per 1,000 in 2000 to 7.2 per 1,000 in 2004. Although rates are declining for both genders, this HP2010 objective is not being achieved for either males or females as of 2004.

Examined by race and ethnicity, the highest congestive heart failure hospitalization rates were found for African Americans/Blacks aged 65-74 (significant decline from 20.4 per 1,000 in 2000 to 17.9 per 1,000 in 2004). The next highest rates were found for Hispanics/Latinos (decline from 11.8 per 1,000 in 2000 to 10.6 per 1,000 in 2004, not statistically significant), followed by Whites (significant decline from 8.8 per 1,000 in 2000 to 7.0 per 1,000 in 2004). As of 2004, this HP2010 objective was being met only for American Indians/Alaska Natives (3.6 per 1,000 in 2004) and for Asians/Pacific Islanders (4.8 per 1,000 in 2004).

Visit the CDHS Heart Disease and Stroke Prevention Program Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Chronic/chdsp/index.htm>

For more information on Healthy People 2010 objective 12-6a, please visit:

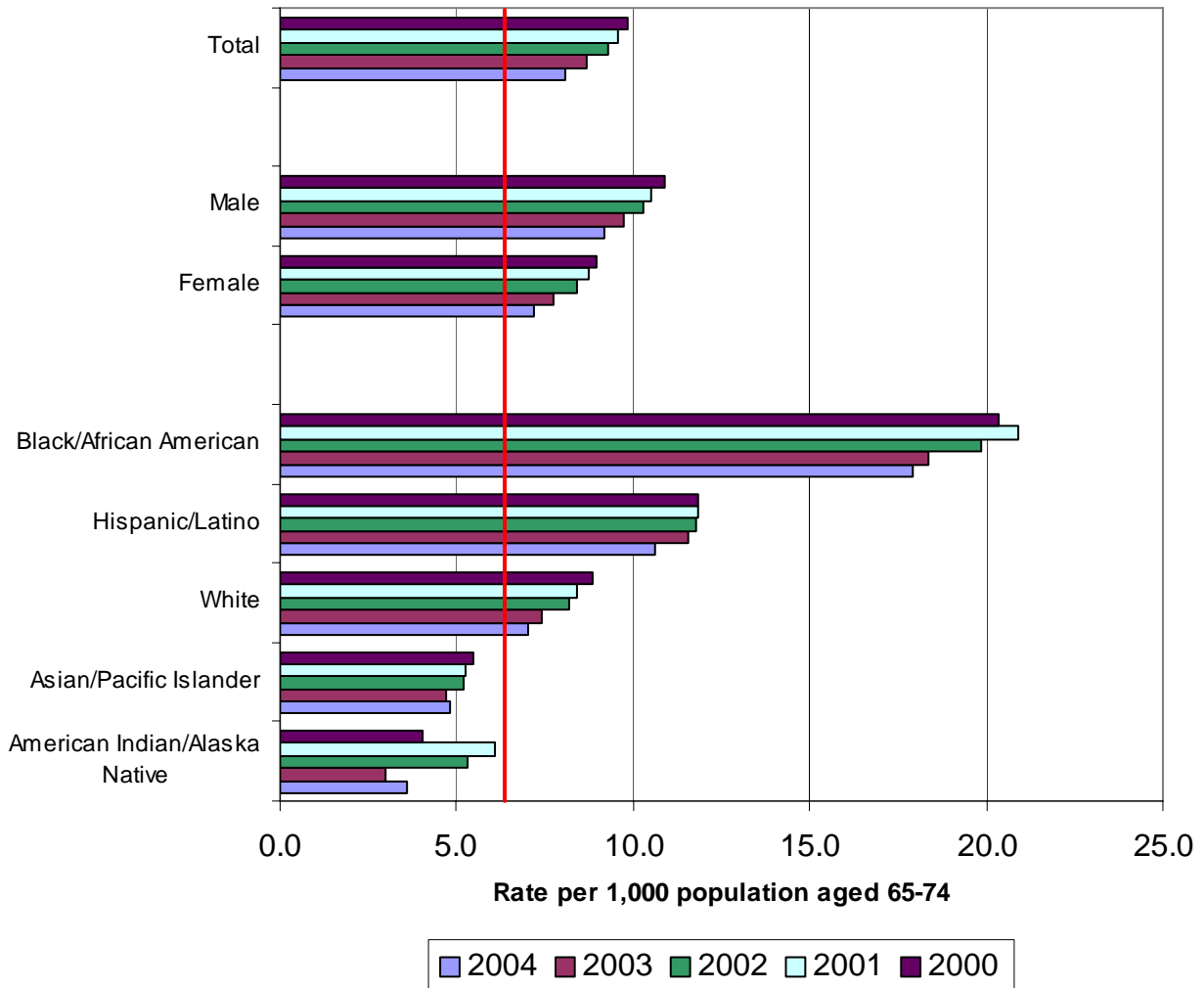
http://www.healthypeople.gov/Document/HTML/Volume1/12Heart.htm#_Toc490544220

and

<http://www.healthypeople.gov/Document/html/tracking/od12.htm#heartdisease>

Figure 12-6a
Congestive Heart Failure Hospitalization Rates
Among Persons Aged 65 - 74
California, 2000-2004

Healthy People 2010 objective = 6.5



**Table 12-6a: Congestive Heart Failure Hospitalization Rates Among Persons Aged 65 - 74
California, 2000-2004**

Objective 12-6a	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		6.5				6.5		
Statewide Total	18,624	9.8	9.7	10.0	18,328	9.5	9.4	9.7
Race-Ethnicity								
American Indian/Alaska Native	34	4.0	2.7	5.4	58	6.1	4.5	7.7
Asian/Pacific Islander	1,204	5.5	5.1	5.8	1,208	5.2	4.9	5.5
Black/African American	2,139	20.4	19.5	21.2	2,277	20.9	20.0	21.8
Hispanic/Latino	3,554	11.8	11.4	12.2	3,723	11.8	11.4	12.2
White	10,951	8.8	8.7	9.0	10,386	8.4	8.2	8.6
Gender								
Female	9,267	9.0	8.8	9.1	9,127	8.7	8.6	8.9
Male	9,355	10.9	10.7	11.1	9,199	10.5	10.3	10.7

Objective 12-6a	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		6.5				6.5		
Statewide Total	18,158	9.3	9.2	9.4	17,296	8.7	8.5	8.8
Race-Ethnicity								
American Indian/Alaska Native	56	5.3	3.9	6.7	35	3.0	2.0	4.0
Asian/Pacific Islander	1,238	5.2	4.9	5.5	1,142	4.7	4.4	5.0
Black/African American	2,242	19.8	19.0	20.7	2,158	18.3	17.6	19.1
Hispanic/Latino	3,897	11.8	11.4	12.2	3,982	11.6	11.2	11.9
White	10,152	8.2	8.0	8.3	9,354	7.4	7.3	7.6
Gender								
Female	8,912	8.4	8.3	8.6	8,316	7.7	7.6	7.9
Male	9,246	10.3	10.1	10.5	8,980	9.7	9.5	9.9

Objective 12-6a	2004		Lower	Upper	5-year	HP2010 Objective
	N	Rate ¹	C.I.	C.I.	Trend	Being Achieved?
Healthy People 2010 Target		6.5				
Statewide Total	16,447	8.1	8.0	8.2	Sig. -	No
Race-Ethnicity						
American Indian/Alaska Native	46	3.6	2.5	4.6	ns	Yes
Asian/Pacific Islander	1,196	4.8	4.5	5.0	Sig. -	Yes
Black/African American	2,164	17.9	17.1	18.6	Sig. -	No
Hispanic/Latino	3,778	10.6	10.2	10.9	ns	No
White	8,765	7.0	6.8	7.1	Sig. -	No
Gender						
Female	7,819	7.2	7.0	7.3	Sig. -	No
Male	8,627	9.2	9.0	9.4	Sig. -	No

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2004;

CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

NOTES: * ICD-9-CM code 428.0 as a Principal Diagnosis.

¹ Age-specific rate per 1,000 population aged 65-74 years.

Sig. - Statistically significant decrease in age-specific hospitalization rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis.